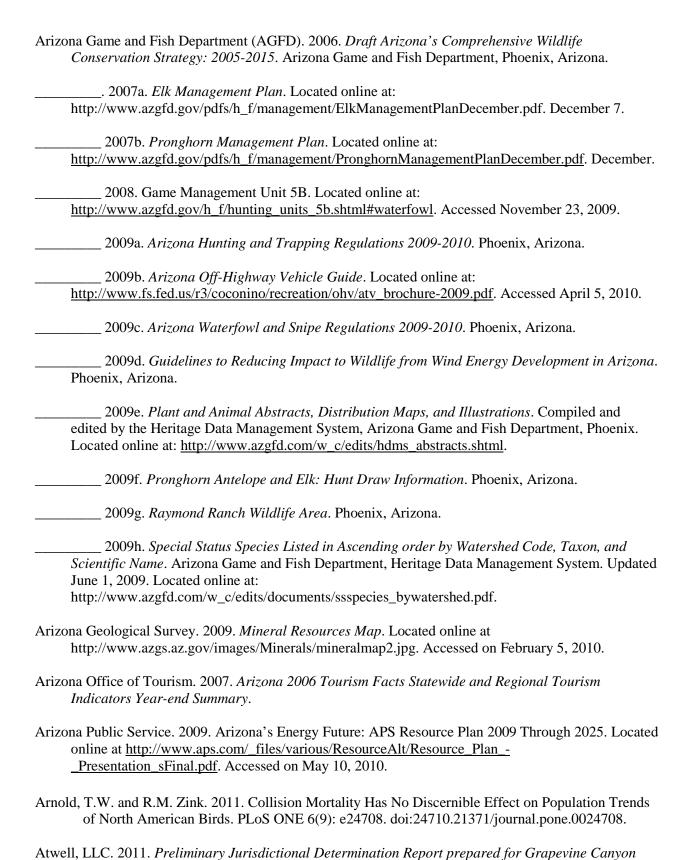
## **CHAPTER 8: REFERENCES**

- Aber, J. 2009. Personal correspondence regarding County Review of FIRM Coverage, October 27, 2009.
- Acoustic Ecology Institute. 2007. Fact Sheet: Wind Energy Noise Impacts. Excerpts from a 25-page *AEI Special Report: Wind Energy Noise Impacts 2007*. Located online at: Acoustic Ecology.org/srwind.html.
- Alberts, Daniel J. 2005. *Primer for Addressing Wind Turbine Noise*. Lawrence Technological University, Southfield, Michigan.
- Anderson, Bruce A. 1990. *The Wupatki Archaeological Survey Project: Final Report*. Professional Paper No. 35. U.S. Department of the Interior, National Park Service, Southwest Cultural Resources Center, Santa Fe, New Mexico.
- Anderson, R.L., J. Tom, N. Neumann, and J.A. Cleckler. 1996. *Avian Monitoring and Risk Assessment at Tehachapi Pass Wind Resource Area, California*. California Energy Commission. Sacramento.
- www.azcommerce.com. Accessed on December 9, 2009.

  \_\_\_\_\_\_ 2009b. Flagstaff Community Profile. Located online at: www.azcommerce.com. Accessed on December 9, 2009.

Arizona Department of Commerce. 2009a. Coconino County, Arizona Profile. Located online at:

- \_\_\_\_\_2009c. *Navajo County, Arizona Profile*. Located online at: www.azcommerce.com. Accessed on December 9, 2009.
- \_\_\_\_\_ 2009d. *Winslow Community Profile*. Located online at: www.azcommerce.com. Accessed on December 9, 2009.
- Arizona Department of Environmental Quality. 2009a. *Application Packet Air Quality Control General Permit for Generators*. Located online at http://www.azdeq.gov/environ/air/permits/download/gngenapp.pdf. Accessed March 2010.
  - \_\_\_\_\_ 2009b. *Arizona's 2006/2008 Impaired Waters*. Located online at: http://www.azdeq.gov/environ/water/assessment/assess.html. Accessed October 23, 2009.
- \_\_\_\_\_\_2009c. *eMaps of AZURITE Places and Waste Programs*. Located online at: http://gisweb.azdeq.gov/arcgis/emaps/. Accessed January 15, 2010.
- Arizona Department of Transportation (ADOT). 2009. Data Team. Located online at: <a href="http://www.azdot.gov/mpd/data/index.asp">http://www.azdot.gov/mpd/data/index.asp</a>. Accessed November 25, 2009.
- Arizona Department of Water Resources (ADWR). 2009a. *Arizona Water Atlas Volume 2: Eastern Plateau Planning Area*. May 2009.
- \_\_\_\_\_2009b. Online Well Registry. Located online at:
  <a href="https://gisweb.azwater.gov/WellRegistry/Default.aspx">https://gisweb.azwater.gov/WellRegistry/Default.aspx</a>. Accessed October 23, 2009.



Wind Project Initial Phase, August 2011.

- Avian Power Line Interaction Committee (APLIC). 1994. *Mitigating Bird Collisions with Power Lines: The State of the Art In 1994*. Edison Electric Institute. Washington, D.C.
- 2006. Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006. Public Interest Energy Research Program Final Project Report CEC-500-2006-022. Edison Electric Institute, APLIC, and the California Energy Commission. Washington D.C. and Sacramento, California.
- Barnes, J.D., L.N. Miller, and E.D. Wood. 1976. Prediction of Noise from Power Plant Construction.
- Bartlett, Katharine. 1942. Notes upon the Routes of Espejo and Farfan to the Mines in the Sixteenth Century. In *New Mexico Historical Review 17(1):21-36*.
- Bat Conservation International (BCI) 2009. *Species and Profiles: Bat Species of Texas. Bat Conservation International, Inc., Austin, Texas.* Located online at: <a href="http://www.batcon.org/index.php/education/article-and-information/species-profiles.html">http://www.batcon.org/index.php/education/article-and-information/species-profiles.html</a>.
- Batcho, David G. 1982. Archaeological Investigations in the Chavez Pass Periphery: A Descriptive Report of the 1981 Season. University of Chicago, Chicago, Illinois.
- Bell, Lewis H. 1982. *Industrial Noise Control, Fundamentals and Applications*. Marcel Dekker, Inc., New York, New York.
- Bills, D.J., M.E. Flynn, and S.A. Monroe. 2007. *Hydrogeology of the Coconino Plateau and Adjacent Areas, Coconino and Yavapai Counties, Arizona*. U.S. Geological Survey Scientific Investigations Report 2005-5222.
- Bremer, Michael J. 1989. Walnut Canyon: Settlement and Land Use. In *The Arizona Archaeologist* 23. Arizona Archaeological Society, Phoenix, Arizona.
- Byrkit, James. 1988a. The Palatkwapi Trail. In *Plateau* 59(4).
- \_\_\_\_\_ 1988b. The Palatkwapi Trail. Map Series. Northern Arizona University, Flagstaff, Arizona.
- Bureau of Land Management (BLM). 2005. Final Programmatic Environmental Impact Statement on Wind Energy Development on BLM-Administered Lands in the Western United States. U.S. Department of the Interior, Bureau of Land Management, June.
- Carlson, Roy L. 1970. White Mountain Redware; A Pottery Tradition of East-Central Arizona and Western New Mexico. University of Arizona Press, Tucson, Arizona.
- Chatfield, A., W. Erickson, and K. Bay. 2009. *Avian and Bat Fatality Study Dillon Wind Energy Facility, Riverside, California*. Technical report prepared for Iberdrola Renewables by WEST Inc. 21pp.
- Cline, Platt. 1976. *They Came to the Mountain: The Story of Flagstaff's Beginnings*. Northland Publishing, Flagstaff, Arizona.
- Coconino County. 1981. *Coconino County Zoning Ordinance*. Coconino County Board of Supervisors. Flagstaff, Arizona.

- \_\_\_\_\_\_2003. Coconino County Comprehensive Plan. Coconino County Board of Supervisors. Flagstaff, Arizona.
- \_\_\_\_\_\_2005. *Diablo Canyon Rural Planning Area*. Coconino County Board of Supervisors. Flagstaff, Arizona.
- \_\_\_\_\_2009. *Coconino County Interactive Mapping*. Located online at: <a href="http://gis-map.coconino.az.gov/ccgis/index.asp">http://gis-map.coconino.az.gov/ccgis/index.asp</a>. Accessed November 19, 2009.
- Coconino County Community Development Department. 2009. Personal Communication between Tiffany Antol, Senior Planner and Susan Morrison, Transcon Environmental. November 20, 2009.
- Coconino County Parks and Recreation Department. 2009. *Master Plan Process*. Located online at: <a href="http://www.coconino.az.gov/parks.aspx?id=408">http://www.coconino.az.gov/parks.aspx?id=408</a>. Accessed November 18, 2009.
- Colton, Harold S. 1939. *Prehistoric Culture Units and their Relationships in Northern Arizona*. Bulletin No. 17. Museum of Northern Arizona, Flagstaff, Arizona.
- \_\_\_\_\_ 1946. *The Sinagua: A Summary of the Archaeology of the Region of Flagstaff, Arizona*. Bulletin 22. Museum of Northern Arizona, Flagstaff, Arizona.
- \_\_\_\_\_ 1960. *Black Sand: Prehistory of Northern Arizona*. University of New Mexico Press, Albuquerque, New Mexico.
- Cooley, M.E. 1963. Hydrology of the Plateau Uplands Province. In *Annual Report on Ground Water in Arizona Spring 1962 to Spring 1963*. N.D. White, R.S. Stulik, E.K. Morse, and others, 1963. Arizona State Land Department, Water Resources Report No. 15, pp. 27-38, September.
- Cordell, Linda. 1984. Prehistory of the Southwest. Academic Press, Orlando, Florida.
- Corman, T.E., and C. Wise-Gervais, eds. 2005. *The Arizona Breeding Bird Atlas*. University of New Mexico Press, Albuquerque, New Mexico.
- Council on Environmental Quality (CEQ). 1997. *Considering Cumulative Effects Under the National Environmental Policy Act*. Located online at: http://ceq.hss.doe.gov/nepa/ccenepa/ccenepa.htm. Accessed July 2, 2010.
- Cronic, H. 1983. Roadside Geology of Arizona. Mountain Press, 1983.
- Danson, Edward B. 1961. Early Man Points from the Vicinity of Sanders, Arizona. In *Plateau* 34:67–68.
- Demastes, J.W. and J.M. Trainer. 2000. Avian Risk, Fatality, and Disturbance at the Idwgp Wind Farm, Algona, Iowa. Final Report Submitted by the University of Northern Iowa, Cedar Falls, Iowa. 21 pp.
- Diablo Canyon Trust 2011. About the Diablo Canyon Trust. Located at http://www.diablotrust.org/about\_where.htm. Accessed on November 2, 2011.
- Downum, Christian E. 1988. "One Grand History": A Critical Review of Flagstaff Archaeology, 1851 to 1988. Ph.D. dissertation, Department of Anthropology, University of Arizona, Tucson, Arizona

- \_\_\_\_\_\_1992. The Sinagua. In *Plateau* 63(1):1–32.
  \_\_\_\_\_\_1993. Evidence of a Clovis Presence at Wupatki National Monument. In *Kiva* 58:487–494.
- Duncan, Heather D., Heather Kehres, and Everett J, Bassett. 2010. *Draft Class I Cultural Resources Overview, Grapevine Canyon Wind Project, Coconino County, Arizona*. Prepared by Transcon Environmental, February.
- Environmental Resource Management (ERM) 2011. Air Resource Review and Environmental Assessment for the Grapevine Wind Energy Project. Prepared by Dr. Robert Farmer on July 12, 2011 and revised on August 31, 2011.
- Erickson, W.P., G. Johnson, M.D. Strickland, D.P. Young, Jr., K.J. Sernka, and R.E. Good. 2001. *Avian Collisions with Wind Turbines: A Summary of Existing Studies and Comparisons to Other Sources of Bird Collision Mortality in the United States*. National Wind Coordinating Committee Publication and Resource Document. Prepared by Western EcoSystems Technology, Inc., Cheyenne, Wyoming. August.
- Erickson, W.P., G. Johnson, D. Young, D. Strickland, R. Good, M. Bourassa, K. Bay, and K. Sernka. 2002. *Synthesis and Comparison of Baseline Avian and Bay Use, Raptor Nesting and Mortality Information from Proposed and Existing Wind Developments*. Technical Report prepared for Bonneville Power Administration, Portland, Oregon by Western EcoSystems Technology, Inc., Cheyenne, Wyoming. December.
- Erickson, W.P., K. Kronner, and R. Gritski. 2003. Nine Canyon Wind Power Project Avian and Bat Monitoring Report. September 2002 August 2003. Prepared for the Nine Canyon Technical Advisory Committee and Energy Northwest by Western EcoSystems Technology, Inc. (WEST), Cheyenne, Wyoming, and Northwest Wildlife Consultants (NWC), Pendleton, Oregon. October 2003. http://www.west-inc.com/reports/nine\_canyon\_monitoring\_final.pdf
- Erickson, W.P., J. Jeffrey, K. Kronner, and K. Bay. 2004. *Stateline Wind Project Wildlife Monitoring Final Report: July 2001–December 2003*. Prepared for FPL Energy, Stateline Technical Advisory Committee and the Oregon Energy Facility Siting Council by Western EcoSystems Technology, Inc., Cheyenne, Wyoming and Walla Walla, Washington and Northwest Wildlife Consultants, Pendleton, Oregon. December.
- Erickson, W.P., G.D. Johnson, and D.P. Young, Jr. 2005. Summary and Causes of Bird Mortality from Anthropogenic Causes with an Emphasis on Collisions. USDA Forest Service Technical Report PSW-GTR-191.
- Federal Aviation Administration (FAA) 2004. *Report to Congress: Nonmilitary Helicopter Urban Noise Study*. Washington DC, December 2004.
- Fellows, L.D. 2000. Volcanism in Arizona. In *Arizona Geology*, v.30.4, Winter 2000. Located online at: <a href="http://www.azgs.az.gov/Hazards\_ocr/volcanos/Volcanism%20in%20Arizona-2000.pdf">http://www.azgs.az.gov/Hazards\_ocr/volcanos/Volcanism%20in%20Arizona-2000.pdf</a>. Accessed December 23, 2009.
- Fish, Paul R., Peter J. Pilles, Jr., and Suzanne K. Fish. 1980. Colonies, Traders and Traits: The Hohokom in the North. In *Current Issues in Hohokom Prehistory: Proceedings of a Symposium*, ed. By David Doyel and Fred Plog, pp. 151-175. Anthropological Research Papers No.23.

- Foos, A. 1999. *Geology of the Colorado Plateau*. Located online at: <a href="http://www.nature.nps.gov/Geology/education/Foos/plateau.pdf">http://www.nature.nps.gov/Geology/education/Foos/plateau.pdf</a>. Accessed December 23, 2009.
- Foresight Renewables 2011. Revised Table of Disturbance Estimates and Wind Park Preliminary Layout Plan. October 19, 2011.
- Gauthreaux, S.A. Jr., C.G. Belser, and D. van Blaricom. 2003. Using a Network of WSR 88-D Weather Surveillance Radars to Define Patterns of Bird Migration at Large Spatial Scales. *In*: Avian Migration. P. Berthold, E. Gwinner, and E. Sonnenschein, eds. Berlin: Springer. Pp. 335-346.
- Geib, Phil R., and Peter J. Pilles. 2000. *Notes Upon Paleo-Indian Manifestations of the Little Colorado Valley and North-Central Arizona*. Prepared for the "Katherine Bartlett Symposium", Museum of Northern Arizona, June 25, 2000.
- Gruver, J.C., K. Bay, and D. Young. 2009. Interim Report. *Bat Acoustic Studies of the Sunshine Wind Park, Coconino County, Arizona*. Technical report prepared for Sunshine Wind Energy by Western EcoSystems Technology, Inc.
- Hammond, George P., and Agapito Rey. 1966. *The Rediscovery of New Mexico*, 1580-1594. The University of New Mexico Press, Albuquerque.
- Henderson, T. Kathleen. 1979. *Archaeological Survey at Chavez Pass Ruin, Coconino National Forest, Arizona: The 1978 Field Season*. Manuscript on file, Coconino National Forest, Flagstaff, Arizona.
- Hendricks, D. M. 1985. *Arizona Soils*. A Centennial Publication of the College of Agriculture, University of Arizona, Arizona Board of Regents. Located online at <a href="http://southwest.library.arizona.edu/azso/front.1\_div.4.html">http://southwest.library.arizona.edu/azso/front.1\_div.4.html</a>. Accessed on December 23, 2009.
- Howe, R.W., W. Evans, and A.T. Wolf. 2002. *Effects of Wind Turbines on Birds and Bats in Northeastern Wisconsin*. Technical Report submitted to Wisconsin Public Service Corporation and Madison Gas and Electric Company.
- Howell, J.A., and J. Noone. 1992. Examination of Avian Use and Mortality at a U.S. Windpower Wind Energy Development Site, Montezuma Hills, Solano County, California. Final Report to Solano County Department of Environmental Management, Fairfield, California.
- Huckell, Bruce B. 1982. *The Distribution of Fluted Points in Arizona: A Review and an Update*. Archaeological Series No. 145. Arizona State Museum, University of Arizona, Tucson, Arizona
- Industrial Commission of Arizona. 2008. *Fatal Occupational Injuries by Industry and Event, Arizona, 2008.* Located online at http://www.ica.state.az.us/ADOSH/ADOSH\_Research\_Statistics.aspx. Accessed on January 18, 2010.
- Jain, A. 2005. Bird and Bat Behavior and Mortality at a Northern Iowa Windfarm. M.S. Thesis. Iowa State University, Ames, Iowa.
- Johnson, G.D., D.P. Young, Jr., W.P. Erickson, C.E. Derby, M.D. Strickland, and R.E. Good. 2000. Wildlife Monitoring Studies, SeaWest Windpower Plant, Carbon County, Wyoming, 1995-1999. Final Report prepared for SeaWest Energy Corporation, San Diego, California and Bureau of Land

- Management, Rawlins, Wyoming by Western EcoSystems Technology, Inc., Cheyenne, Wyoming. August.
- Johnson, G.D., W.P. Erickson, M.D. Strickland, M.F. Shepherd, D.A. Shepherd, and S.A. Sarappo. 2002. Collision Mortality of Local and Migrant Birds at a Large-Scale Wind-Power Development on Buffalo Ridge, Minnesota. Wildlife Society Bulletin 30(3): 879-887.
- Jones, R. A. 1993. *The Relationship of the Annual Snowpack to the Water Yield from the Inner Basin of the San Francisco Peaks, Arizona*. USDA Soil Conservation Service, Phoenix, Arizona.
- Kamp, Kathryn A., and John C. Whittaker. 1999. *Surviving Adversity: The Sinagua of Lizard Man Village*. University of Utah Anthropological Papers No. 120. University of Utah Press, Salt Lake City, Utah.
- Keller, Donald R., and Deborah S. Dosh. 1996. Late Perceramics Utilization of Anderson Mesa, Northern Arizona. Manuscript, Kinlani Archaeology, Ltd., Flagstaff.
- Kerlinger, P. 1997. A Study of Avian Fatalities at the Green Mountain Power Corporation's Searsburg, Vermont Windpower Facility 1997. Prepared for Vermont Department of Public Service, Green Mountain Power Corporation, National Renewable Energy Laboratory and Vermont Environmental Research Associates. 12 pp.
- Kerlinger, P., L. Culp, and R. Curry. 2005. Post-Construction Avian Monitoring Study for the High Winds Wind Power Project, Solano County, California. Year One Report. Prepared for High Winds, LLC and FPL Energy.
- Koford, R., A. Jain, G. Zenner, and A. Hancock. 2005. Avian Mortality Associated with the Top of Iowa Wind Farm. Progress Report, Calendar Year 2004. February 2005. Iowa Cooperative Fish and Wildlife Research Unit, Iowa State University. Ames, Iowa. 12 pp. http://www.horizonwind.com/images\_projects/what\_were\_doing/TOI\_Avian\_Annual\_Interim\_R eport 2004 020205.pdf
- Latta, M.J., C.J. Beardmore, and T.E. Corman. 1999. Arizona Partners in Flight Bird Conservation Plan. Version 1.0. Nongame and Endangered Wildlife Program Technical Report 142. Arizona Game and Fish Department (AGFD), Phoenix, Arizona.
- Lenart, M., (ed). 2007. *Global Warming in the Southwest: Projections, Observations and Impacts*. University of Arizona Climate Assessment for the Southwest, Tucson, Arizona.
- Madders, M., and D.P. Whitfield. 2006. Upland Raptors and the Assessment of Wind Farm Impacts. In *Ibis*. The International Journal of Avian Science, Volume 148: 43-56.
- Manville, A.M., II. 2009. Towers, Turbines, Power Lines, and Buildings Steps Being Taken by the U.S. Fish and Wildlife Service to Avoid or Minimize Take at These Structures. *In*: Proceedings of the 4th International Partners in Flight Conference: Tundra to Tropics. T. D. Rich, C. Arizmendi, D. Demarest, and C. Thompson, eds. McAllen, Texas. Pp. 262-272.

McCarty, K.M., and K.V. Jacobson. 2008. Arizona Bald Eagle Management Program 2008 Summary Report. Nongame and Endangered Wildlife Program Technical Report 252. Arizona Game and Fish Department, Phoenix, Arizona. McGregor, John C. 1936. Dating the Eruption of Sunset Crater. In American Antiquity 2(1):15-26. 1965. Southwestern Archaeology, 2<sup>nd</sup> edition. University of Illinois Press, Urbana, Illinois Meteor Crater Enterprises, Inc. Meteor Crater, Brief History (Pamphlet). Montgomery, E.L., and Associates, Inc. 1993. Results of 90-day Aquifer Test and Groundwater Flow Model Projections for Long-term Groundwater Yield for the Coconino-Supai aquifer, Lake Mary Wellfield, Coconino County, Arizona. Prepared for City of Flagstaff. 2005. Chapter 3H Watershed Resources. In Final Environmental Impact Statement for Arizona Snowbowl Facilities Improvements. pp. 3-160 to 3-224, prepared by U.S. Department of Agriculture, Forest Service, Southwestern Region, February. 2010 (figure 3.6-1) Montgomery, E.L., and J.W. Harshbarger. 1989. Arizona Hydrogeology and Water Supply. In Geologic Evolution of Arizona. Jenney, J.P., and Reynolds, S.J., editors, 1989. Arizona Geological Society Digest 17. Montgomery, E.L., R.H. DeWitt, W.R. Victor, and E.H. McGavock. 2000. Groundwater Beneath the Coconino and San Francisco Plateaus. In *Proceedings of the First Coconino Plateau Hydrology* Workshop, October 26 and 27, 2000, Northern Arizona University, Flagstaff, Arizona, National Academy of Sciences (NAS). 2007. Environmental Impacts of Wind-Energy Projects. National Academies Press. Washington, D.C. www.nap.edu National Audubon Society. 2009. The Important Bird Areas in the United States. National Audubon Society, Inc. Located online at: http://www.audubon.org/bird/iba. National Research Council (NRC) 2007. Environmental Impacts of Wind Energy Projects. National Academies Press. Washington, D.C. National Wind Coordinating Collaborative (NWCC). 2009a. National Soil Survey Handbook, title 430-VI. U.S. Department of Agriculture, Natural Resources Conservation Service. Located online at: http://soils.usda.gov/technical/handbook/detailedtoc.html#617. Accessed December 15, 2009. 2009b. Web Soil Survey. U.S. Department of Agriculture, Natural Resources Conservation Service. Located online at: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx. Accessed November 2009. 2010. Wind Turbine Interactions with Birds, Bats, and Their Habitats: A Summary of Research Results and Priority Questions. NWCC c/o RESOLVE, Washington, D.C. Available online at: http://www.nationalwind.org//publications/bbfactsheet.aspx

Neff, D. J. 1984. *Notes on the Land Use History of Anderson Mesa and the Canyon Diablo Plains in the Forest Service Era*, 1906 to 1940. Arizona Game and Fish Department, Flagstaff, Arizona.

- Nicholson, C.P. 2003. Buffalo Mountain Windfarm Bird and Bat Mortality Monitoring Report: October 2001 September 2002. Tennessee Valley Authority, Knoxville, Tennessee. February 2003.
- Nicholson, C.P., J. R.D. Tankersley, J.K. Fiedler, and N.S. Nicholas. 2005. Assessment and Prediction of Bird and Bat Mortality at Wind Energy Facilities in the Southeastern United States. Final Report. Tennessee Valley Authority, Knoxville, Tennessee.
- Orloff, S. and A. Flannery. 1992. Wind Turbine Effects on Avian Activity, Habitat Use, and Mortality in Altamont Pass and Solano County Wind Resource Areas, 1989-1991. Final Report P700-92-001 to Alameda, Contra Costa, and Solano Counties, and the California Energy Commission, Sacramento, California, by Biosystems Analysis, Inc., Tiburon, California. March 1992.
- \_\_\_\_\_\_1996. A Continued Examination of Avian Mortality in the Altamont Pass Wind Resource Area. P700-96-004 Cn. Report from Ibis Environmental Services, Santa Cruz, California, and BioSystems Analysis, Inc., Tiburon, California, for the California Energy Commission, Sacramento, California. August 1996.
- Pearce, D. 2010. Bald Eagle Killed by Wind Turbine. Hancock Wildlife Foundation, Ontario. September 19, 2010. Available online at: http://www.hancockwildlife.org/article.php/20100919095412140
- Pearsell, Marc. 2002. *Railroads of Arizona Map*. Located online at <a href="http://www.azrymuseum.org/Information/Arizona\_Railroad\_Map\_2002.pdf">http://www.azrymuseum.org/Information/Arizona\_Railroad\_Map\_2002.pdf</a>. Accessed November 30, 2009.
- Pew Center on Global Climate Change 2009. Summary of Renewable Energy Portfolio by State.
- Pilles, Peter J., Jr. 1978. The Field House and Sinagua Demography. In *Limited Activity and Occupation Sites: A Collection of Conference Papers*, edited by Albert E. Ward, pp. 119–133. Contributions to Anthropological Studies No. 1. Center for Anthropological Studies, Albuquerque.
- \_\_\_\_\_\_1979. Sunset Crater and the Sinagua: A New Interpretation. In *Volcanic Activity and Human Ecology*, edited by Payson D. Sheets and Donald K. Grayson, pp. 459–485. Academic Press, New York.
- \_\_\_\_\_\_1987. Hisatsinom: The Ancient People of Sunset Crater. In *Earth Fire: A Hopi Legend of the Sunset Crater Eruption*, edited by E. Malotki and M. Lomatuway'ma, pp. 105-119. Northland Press, Flagstaff, Arizona
- \_\_\_\_\_1988. Flagstaff Province Entries. In *Historical Dictionary of North American Archaeology*, edited by edited by E. Jelks and J. Jelks. Greenwood Press, Westport, Connecticut
- \_\_\_\_\_\_1996. The Pueblo III Period along the Mogollon Rim: the Honanki, Elden and Turkey Hill Phases of the Sinagua. In *The Prehistoric Pueblo World. A.D. 1150 1350*, edited by M.A. Adler, pp. 59-72. University of Arizona Press, Tucson, Arizona.
- Reid, Jefferson, and Stephanie Whittlesey. 1997. *The Archaeology of Ancient Arizona*. University of Arizona Press, Tucson, Arizona.

- Sandia National Laboratories. 2007. *The Energy-Water Nexus: A Strategy for Energy and Water Security*. Located online at: <a href="http://www.sandia.gov/energy-water/">http://www.sandia.gov/energy-water/</a>. Accessed on April 2, 2010.
- Sauer, J.R., J.E. Hines, and J. Fallon. 2008. The North American Breeding Bird Survey, Results and Analysis 1966 2007. Version 5.15.2008. USGS Patuxent Wildlife Research Center. Laurel, Maryland. http://www.pwrc.usgs.gov/
- Sharp, L., C. Herrmann, R. Friedel, K. Kosciuch, and R. MacIntosh. 2010. Comparison of Pre- and Post-Construction Bald Eagle Use at the Pillar Mountain Wind Project, Kodiak, Alaska, Spring 2007 and 2010. Powerpoint Presentation for the National Wind Coordinating Collaborative (NWCC) Wind Wildlife Research Meeting VIII, October 19-21, 2010. Available online at: http://www.nationalwind.org/assets/research\_meetings/Research\_Meeting\_VIII\_Sharp.pdf
- Sibley, D.A. 2001. The Sibley Guide to Birds. Knopf Publishing, New York.
- Smallwood, K.S., L. Rugge, S. Hoover, M.L. Morrison, and C.G. Thelander. 2001. Intra- and Inter-Turbine String Comparison of Fatalities to Animal Burrow Densities at Altamont Pass. Presented at the National Avian-Wind Power Planning Meeting IV, Washington D.C. S. S. Schwartz, ed. RESOLVE, Inc. Pp 23-37.
- Smallwood, K.S., and C.G. Thelander. 2004. *Developing Methods to Reduce Bird Fatalities in the Altamont Wind Resource Area*. Final Report prepared for the California Energy Commission, Public Interest Energy Research-Environmental Area under Contract No. 500-01-019) by BioResource Consultants.
- Stein, Pat. 1991. The Basques in Arizona from Spanish Colonial Times to the Present: A Context for Preserving Their Material Culture. A Component of the Arizona Historic Preservation Plan, Arizona State Historic Preservation Office, Phoenix, Arizona.
- \_\_\_\_\_\_1994. *Historic Trails in Arizona from Coronado to 1940: Historic Context Study*. A Component of the Arizona Historic Preservation Plan, Arizona State Historic Preservation Office, Phoenix, Arizona
- Strickland, M.D., E.B. Arnett, W.P. Erickson, D.H. Johnson, G.D. Johnson, M. M.L., J.A. Shaffer, and W. Warren-Hicks. 2011. Comprehensive Guide to Studying Wind Energy/Wildlife Interactions. Prepared for the National Wind Coordinating Collaborative (NWCC), Washington, D.C., USA. June 2011. Available online at: <a href="http://www.nationalwind.org/assets/publications/Comprehensive\_Guide\_to\_Studying\_Wind\_Energy\_Wildlife\_Interactions\_2011.pdf">http://www.nationalwind.org/assets/publications/Comprehensive\_Guide\_to\_Studying\_Wind\_Energy\_Wildlife\_Interactions\_2011.pdf</a>
- Sunshine Wind. 2009. *Project at a Glance*. Located online at: http://www.sunshinewind.com/sw\_ataglance.html. Accessed November 23, 2009.
- Theis, Charles V. 1935. The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using groundwater storage, In *Transactions, American Geophysical Union*, Vol. 16, pp. 519-524.
- Thelander, C.G., K.S. Smallwood, and L. Rugge. 2003. Bird Risk Behaviors and Fatalities at the Altamont Wind Resource Area: Period of Performance, March 1998-December 2000.

- Subcontractor Report NREL/SR-500-33829. Report by BioResource Consultants, Ojai, California, for the National Renewable Energy Laboratory, Golden, Colorado. 92 pp. http://www.nrel.gov/wind/pdfs/33829.pdf
- Thelander, C.G. and K.S. Smallwood. 2007. The Altamont Pass Wind Resource Area's Effects on Birds: A Case History. *In*: Birds and Windfarms: Risk Assessment and Mitigation. M. J. de Lucas, G. F. E. Janss, and M. Ferrer, eds. Quercus, Madrid, Spain. Pp. 25-46.
- Thompson, J., D. Solick, and K. Bay. 2011. Post-Construction Fatality Surveys for the Dry Lake Phase I Wind Project. Iberdrola Renewables: September 2009 November 2010. Prepared for Iberdrola Renewables, Portland, Oregon. Prepared by Western Ecosystems Technology, Inc. (WEST), Cheyenne, Wyoming. February 10, 2011.
- Tidhar, David, and Andrea Chatfield 2010a. *Site Characterization Report, Grapevine Canyon Wind Resource Area, Coconino County, Arizona*. Prepared for Grapevine Wind, LLC by Western EcoSystems Technology, Inc. February.
- \_\_\_\_\_\_2010b. Wildlife and Botanical Report, Grapevine Canyon Wind Resource Area Transmission Line Right-of-Way, Coconino County, Arizona. Prepared for Grapevine Wind, LLC by Western EcoSystems Technology, Inc. February.
- Tidhar, D., K. Bay and J.R. Boehrs. 2011a. 2011 raptor nest surveys for the Grapevine Canyon Wind Project, Coconino County, Arizona. Technical report prepared for Foresight Flying M, LLC. by Western EcoSystems Technology, Inc. (WEST). Waterbury Vermont.
- Tidhar, D., T. Sichmeller and D. Solick. 2011b. 2011 Bat Mist Netting Report for the Grapevine Canyon Wind Project, Coconino County, Arizona. Technical report prepared for Foresight Flying M, LLC. by Western EcoSystems Technology, Inc. (WEST). Waterbury Vermont.
- Tierney, R. 2007. Buffalo Gap I Wind Farm Avian Mortality Study: February 2006-January 2007. Final Survey Report. Prepared for AES SeaWest, Inc. TRC, Albuquerque, New Mexico.TRC Report No. 110766-C-01. May 2007.
- Traffic Research and Analysis, Inc. 2007. *Annual Traffic Volume Report: City of Flagstaff.* Phoenix, Arizona.
- U.S. Census Bureau. 2000a. *Winslow, Arizona Profile of Selected Demographic and Housing Characteristics*. Located online at: http://factfinder.census.gov. Accessed November 11, 2009 and February 17, 2010.
- \_\_\_\_\_\_2000b. *Winslow, Arizona Profile of Selected Economic Characteristics*. Located online at: http://factfinder.census.gov. Accessed November 11, 2009 and February 17, 2010.
- \_\_\_\_\_\_2008a. *Arizona Selected Economic Characteristics:* 2006 2008. Located online at: http://factfinder.census.gov. Accessed February 17, 2010.
- \_\_\_\_\_\_2008b. Coconino County, Arizona Selected Demographic and Housing Characteristics: 2006 2008. Located online at: http://factfinder.census.gov. Accessed November 11, 2009 and February 17, 2010.

	oconino County, Arizona Selected Economic Cl	
online at: http://	factfinder.census.gov. Accessed November 11	, 2009 and February 17, 2010.
	agstaff, Arizona Selected Demographic and Hoat: http://factfinder.census.gov. Accessed Nove	
	agstaff, Arizona Selected Economic Characteric.census.gov. Accessed November 11, 2009 and	
	vajo County, Arizona Selected Demographic a online at: http://factfinder.census.gov. Accessed	
	avajo County, Arizona Selected Economic Char factfinder.census.gov. Accessed November 11	
Manual, Series 2	griculture, Forest Service (Forest Service) For 2080. National Forest Resource Management, rest Service. November.	
	andscape Aesthetics, A Handbook for Scenery M rest Service, Agriculture Handbook No. 701. D	
	nagement Indicator Species Status Report for t Agriculture, Forest Service. Working Draft, Jul	
2008. Coc Flagstaff, Arizon	conino National Forest Map. U.S. Department ona.	of Agriculture, Forest Service.
	conino National Forest, Travel Management Parest Service. Located online at <a href="http://www.fs.fe">http://www.fs.fe</a> mber 30, 2009.	
	conino National Forest Wetlands – Grapevine a epartment of Agriculture, Forest Service.	Project Area. Map produced by Rory
National Forest	griculture, Forest Service, Coconino National Land and Resource Management Plan, as Amos.fed.us/r3/coconino/projects/plan-revision/198 per 27, 2011.	ended. August 1987. Located online
	rrestrial Ecosystem Survey Soils Data. Located rizona.edu/tes/units.asp. Accessed February 22	
	e at http://www.fs.fed.us/r3/coconino/nepa/ind	

2005b. Final Environmental Impact Statement for the Bar T Bar and Anderson Springs Allotment Management Plans. Available online at http://www.fs.fed.us/r3/coconino/nepa/2005/bar-t-bar/index.html. Accessed April 7, 2010.
2008. Environmental Assessment Grapevine Canyon Interconnection Project Working Draft.  Prepared by Environmental Planning Group, December.
2009 (figure 3.4-3)
U.S. Department of Agriculture, Forest Service, Southwestern Region. 1987. <i>Coconino National Forest Land Management Plan</i> . U.S. Department of Agriculture, Forest Service. Flagstaff, Arizona.
1993. Management of Wetlands at High Altitudes in the Southwest. U.S. Department of Agriculture, Forest Service.
2005. Final Environmental Impact Statement for the Bar T Bar and Anderson Springs Allotment Management Plans. U.S. Department of Agriculture, Forest Service. Flagstaff, Arizona.
2007. Proposed Action for Managing Motorized Travel: Coconino National Forest. U.S. Department of Agriculture, Forest Service. Flagstaff, Arizona.
2010. Draft Environmental Impact Statement for Travel Management on the Coconino National Forest. U.S. Department of Agriculture, Forest Service. Available online at http://www.fs.fed.us/r3/coconino/projects/tmr/documents.shtml. Accessed on April 7, 2010.
U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS). 2008. <i>Soil Survey for Central Coconino County, Arizona</i> (AZ 631). U.S. Department of Agriculture. Located online at: http://soildatamart.nrcs.usda.gov/Report.aspx?Survey=AZ631&UseState=AZ. Accessed December 22, 2009.
U.S. Department of Army, Corps of Engineers, Environmental Laboratory. 1987. <i>Corps of Engineers Wetlands Delineation Manual</i> . Department of the Army, Waterways Experiment Station, Corps of Engineers. Technical Report Y-87-1, January.
U.S. Department of Energy (DOE). 2009. Energy Information Administration State Historical Record for 2009 as Revised January 4, 2011.
U.S. Department of Transportation, Federal Highway Administration (FHWA). 2006. <i>Construction Equipment Noise Levels and Ranges</i> . U.S. Department of Transportation. Located online at: <a href="http://www.fhwa.dot.gov/environment/noise">http://www.fhwa.dot.gov/environment/noise</a> .
U.S. Environmental Projection Agency (EPA). 1971. <i>Noise form Construction Equipment and Operations, U.S. Building Equipment, and Home Appliances</i> . Office of Noise Abatement and Control.
1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety. Office of Noise Abatement and Control. EPA 550/9-

74-004 Community Noise. March.

2004. Level III Ecoregions of the Conterminous United States. U.S. Environmental Protection
Agency, Corvallis, Oregon. Located online at:
http://www.epa.gov/wed/pages/ecoregions/level_iii.htm.
2008a. Air Quality System Database. Located online at:
http://iaspub.epa.gov/airsdata/adaqs.summary?geotype=co&geocode=04005&geoinfo=co%7E0400
5%7ECoconino+Co%2C+Arizona&year=2008&fld=county&fld=stabbr&fld=regn&rpp=25.
Accessed November 2009.
2008b. Monitor Values Report – Criteria Air Pollutants for Coconino County.
2008c. National Ambient Air Quality Standards. Located online at:
http://www.epa.gov/air/criteria.html. Accessed November 2009.
2009a. <i>Climate Change – Regulatory Initiatives</i> . Located online at:
http://www.epa.gov/climatechange/endangerment.html. Accessed March 2010.
2000L FD4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
2009b. EPA to Launch Noise Control Program. Last updated August 12, 2009. Located
online at http://www.liu.edu/CWIS/CWP/library/workshop/citmla.htm . Accessed December 9,
2009.
2009c. Resource Conservation and Recovery Act, Hazardous Waste. Located online at:
http://www.epa.gov/waste/inforesources/online/index.htm. Accessed January 18, 2010.
intp://www.epa.gov/waste/inforesources/online/index.ntm. Accessed January 16, 2010.
2009d. Spill Prevention, Control, and Countermeasure Rule. Located online at:
http://www.epa.gov/emergencies/content/spcc/index.htm. Accessed January 18, 2010.
http://www.opa.gov/emergeneies/content/spec/mack.ntm.
2011. Draft Guidance on Identifying Waters Protected by the Clean Water Act, April 2011.
Located online at: http://water.epa.gov/lawsregs/guidance/wetlands/CWAwaters.cfm. Accessed
October 26, 2011.
U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI). 2004. National Wetlands
Inventory Map. Wetlands Download, USFWS. Aerial Photo Source, Oregon Geospatial Data
Clearinghouse.
2008. Birds of Conservation Concern 2008. U.S. Department of the Interior, Fish and Wildlife
Service, Division of Migratory Bird Management, Arlington, Virginia. Located online at:
http://www.fws.gov/migratorybirds/reports/BCC2008/BCC2008m.pdf.
2009a. National Wetland Inventory. U.S. Department of the Interior, Fish and Wildlife
Service. Located online at: <a href="https://www.fws.gov/wetlands/Data/?Maper.html">https://www.fws.gov/wetlands/Data/?Maper.html</a> . Accessed October 23
2009.
2009b. Threatened and Endangered Species: County by County Endangered Species Lists.
U.S. Department of the Interior, Fish and Wildlife Service, Southwest Region, Arizona Ecological
Services. Located online at:
http://www.fws.gov/southwest/es/arizona/Documents/CountyLists/Coconino.pdf. Accessed
November 12, 2009.

- \_\_\_\_\_\_2010. Wind Turbine Guidelines Advisory Committee Recommendations. Located online at http://www.fws.gov/habitatconservation/windpower/Wind\_Turbine\_Guidelines\_Advisory\_Committee\_Recommendations\_Secretary.pdf. Accessed on November 1, 2011.
- U.S. Geological Survey (USGS). 1997. *Arizona Geologic Map*. Located online at: <a href="http://reynolds.asu.edu/azgeomap/azgeomap\_home.htm">http://reynolds.asu.edu/azgeomap/azgeomap\_home.htm</a>. Accessed December 22, 2009.
- \_\_\_\_\_ 2001. *National Land Cover Database Zone 34 Land Cover Layer*. U.S. Geological Survey, Sioux Falls, South Dakota.
  - \_\_\_\_\_ 2009. *Arizona Earthquake Information*. Located online at:

http://earthquake.usgs.gov/earthquakes/states/arizona/seismicity.php, and

http://geohazards.usgs.gov/eqprob/2009/index.php, and

<u>http://earthquake.usgs.gov/hazards/qfaults/az/index.php</u>. Accessed December 22, 2009 and January 5, 2010.

- Vestas Wind Systems A/S (Vestas). 2009. Brochure: V100-1.8 MW Turbine High Energy Production for Low Wind Sites. Technical Data for V100-1.8 MW. Denmark.
- Victor, William. 2010. Personal correspondence regarding Water Resource Models and Review. Montgomery and Associates, February 2010.
- Western Area Power Administration. 2005. *Electric and Magnetic Fields Facts*. Available online at <a href="https://www.wapa.gov">www.wapa.gov</a>. Accessed online January 18, 2010.
- Western EcoSystems Technology, Inc. (WEST) 2006. *Avian Studies of the Sunshine Wind Park, Coconino County, Arizona*. Technical report prepared for Sunshine Wind Energy by Western EcoSystems Technology, Inc.
- Western Governors' Association. 2007. <u>Transitioning the West to Clean Energy and Energy Security</u>. Located online at: <a href="http://www.westgov.org/index.php?option=com\_wga&view=resolutions&Itemid=53">http://www.westgov.org/index.php?option=com\_wga&view=resolutions&Itemid=53</a>. Accessed on April 2, 2010.
- Western Regional Climate Center (WRCC). 2009a. *Climate of Arizona and Winslow, Arizona: Normals, Means, and Extremes*. Located online at: www.wrcc.dri.edu/. Accessed October 21, 2009.
- \_\_\_\_\_2009b. *Historical Climate Information for Mund's Park*. Located online at: <a href="http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?az5780">http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?az5780</a>. Accessed November 2009.
- Wilson, John Phillip. 1969. *The Sinagua and Their Neighbors*. Ph.D. dissertation, Harvard University, Cambridge, Massachusetts.
- Windmiller, Ric, and Bruce B. Huckell. 1973. Desert Culture Sites Near Mormon Lake, Northern Arizona. In *The Kiva* 39(2):
- Winkelman, J.E. 1995. Bird/Wind Turbine Investigations in Europe. Presented at the National Avian-Wind Power Planning Meeting, Denver, Colorado. July 20-21, 1994. Includes English summaries of Winkelman 1989 (Birds and the Wind Park Near Urk: Collision Victims and Disturbance of

- Ducks, Geese, and Swans. RIN 89/15. Rijksinstituut voor Natuurbeheer, Arnhem, the Netherlands) and Winkelman 1992 (The Impact of the Sep Wind Park near Oosterbierum [Fr.], the Netherlands, On Birds,1: Collision Victims. RIN 92/2. DLO-Instituut voor Bosen Natuurbeheer, Arnhem, the Netherlands. 71 p.+ append.) as appendices.
- Young, D.P., Jr., D. Strickland, W.P. Erickson, K.J. Bay, R. Canterbury, T. Mabee, B. Cooper, and J. Plissner. 2004. Baseline Avian Studies, Mount Storm Wind Power Project, Grant County, West Virginia, May 2003 March 2004. Final Report. Technical report prepared for NedPower Mount Storm, LLC, Chantilly, Virginia, by Western EcoSystems Technology, Inc. (WEST), Cheyenne, Wyoming, Concord College, Athens, West Virginia, and ABR, Inc., Forest Grove, Oregon. April 23, 2004. 141 pp.
- Young, D.P. Jr., W.P. Erickson, J.D. Jeffrey, K. Bay, and M. Bourassa. 2005. Eurus Combine Hills Turbine Ranch. Phase I Post Construction Wildlife Monitoring Final Report. Technical Report prepared for Eurus Energy America Corporation and the Combine Hills Technical Advisory Committee, Umatilla County, Oregon by Western EcoSystems Technology, Inc., Cheyenne, Wyoming and Northwest Wildlife Consultants, Pendleton, Oregon.
- Young, D.P., Jr. and W.P. Erickson. 2006. Wildlife Issue Solutions: What Have Marine Radar Surveys Taught Us About Avian Risk Assessment? Presented at the Wildlife Workgroup Research Meeting VI, NWCC, San Antonio, Texas. November 14-16, 2006.
- Young, D.P. Jr., D. Tidhar, D. Solick, and K. Bay. 2009. *Avian and Bat Studies for the Grapevine Canyon Wind Energy Project, Coconino County, Arizona*. Prepared for Grapevine Wind Ranch, LLC, Foresight Wind Energy, Managing Member, San Francisco, California. Prepared by Western EcoSystems Technology, Inc.(WEST), Cheyenne, Wyoming.
- Zuni Heritage and Historic Preservation Office (ZHHPO). 2010. Zuni Traditional Cultural Property Assessment and Cultural Issues Associated with the Proposed Grapevine Wind Project, Coconino County, Arizona. Pueblo of Zuni, Zuni, New Mexico.